

**Co-pyrolysis and co-gasification of biomass and oil shale**

**Järvik, Oliver; Sulg, Mari; Cascante Cirici, Pau;** Eldermann, Meelis; **Konist, Alar;** Gusca, Julija; Siirde, Andres Environmental and Climate Technologies 2020 / p. 624–637 : ill <https://doi.org/10.2478/rtuect-2020-0038> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**Study of reduction mechanism of WO<sub>3</sub>+CuO mixture by combined Mg/C reducer - influence of high heating rate**

Nazaretyan, Khachik; Zargaryan, Armen; **Aydinyan, Sofiya;** Kharatyan, Suren JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference : June 6–9, 2017, Budapest, Hungary : Book of Abstracts 2017 / p. 206-207 <https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf>

**Synthesis of Ti<sub>2</sub>AlC MAX phase and Ti<sub>2</sub>C MXene by activated combustion**

**Aydinyan, Sofiya** Ceramics international 2024 / p. 12263-12269 <https://doi.org/10.1016/j.ceramint.2024.01.130>